

STATE OF CALIFORNIA

Energy Resources Conservation
And Development Commission

In the matter of,

Energy Commission Determination on the
Industry Certification Threshold for Nonresidential
Lighting Controls Acceptance Test Training and
Certification Pursuant to Section 10-103-A of the
2013 Building Energy Efficiency Standards

)
)
) EXECUTIVE DIRECTOR
) RECOMMENDATION TO FIND
) THAT (1) THE THRESHOLD
) CONDITIONS IN SECTIONS 10-103-
) A(b)1 AND 10-103-A(b)2 OF THE
) 2013 BUILDING ENERGY
) EFFICIENCY STANDARDS HAVE
) BEEN MET; AND (2) LIGHTING
) CONTROLS ACCEPTANCE TEST
) TECHNICIAN AND EMPLOYER
) CERTIFICATION REQUIREMENTS
) SHALL TAKE EFFECT WHEN
) THE 2013 STANDARDS GO INTO
) EFFECT ON JULY 1, 2014.
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)
)

June 13, 2014

The Executive Director of the California Energy Commission recommends that the Energy Commission approve the attached Proposed Resolution and find that the conditions of the Nonresidential Lighting Controls Industry Certification Threshold (Threshold) have been met pursuant to the provisions of the 2013 Building Energy Efficiency Standards, California Code of Regulations, Title 24, Part 6, and associated administrative regulations in Part 1, Chapter 10 (Standards), and that the Lighting Controls Acceptance Test Technician and Employer certification requirements shall take effect.

Pursuant to subsection (b) of Section 10-103-A of the Standards, the Nonresidential Lighting Controls Acceptance Test Technician and Employer certification requirements shall take effect when the Energy Commission finds that the Threshold criteria in Section 10-103-A(b)1 and in Section 10-103-A(b)2 have been met.

1. Criteria in Section 10-103-A(b)1

Pursuant to Section 10-103-A(b)1 of the Standards, there shall be no less than 300 Lighting Controls Acceptance Test Technicians certified to perform the acceptance tests in Building Energy Efficiency Standards, Section 130.4.

As allowed in 10-103-A(b)1 of the Standards, a Certification Provider-prepared report may be submitted to the Energy Commission to demonstrate that at least 300 Lighting Acceptance Test Technicians have been certified to perform the acceptance tests in Section 130.4 of the Standards.

California Advanced Lighting Controls Training Program (CALCTP) is an interim approved lighting controls acceptance test technician certification provider¹ and submitted a report to the Energy Commission on April 22, 2014 providing information to show that CALCTP has approved more than 300 lighting controls acceptance test technicians. At the request of Energy Commission staff, CALCTP submitted a second report supplementing and superseding the first on June 6, 2014 (the Report). Energy Commission staff has reviewed the Report and has determined that it demonstrates that at least 300 Lighting Acceptance Test Technicians have been certified to perform the acceptance tests in Section 130.4 of the Standards. On this basis, Energy Commission staff recommends that the Energy Commission find that the Threshold criteria in 10-103-A(b)1 has been met.

2. Criteria in Section 10-103-A(b)2

Pursuant to Section 10-103-A(b)2 of the Standards, the Certification Provider(s) approved by the Energy Commission, in their entirety, shall provide reasonable access to certification for technicians representing the majority of the following industry groups:

- electrical contractors,
- certified general electricians,
- professional engineers,
- controls installation and startup contractors and
- certified commissioning professionals

who have verifiable training, experience and expertise in lighting controls and electrical systems.

The Energy Commission must determine whether in their entirety reasonable access to certification is provided by considering factors such as:


- certification costs commensurate with the complexity of the training being provided,
- certification marketing materials,
- prequalification criteria,
- class availability, and
- curriculum.

In its Report, CALCTP also provided information showing that the CALCTP acceptance testing certification program provides reasonable access to certification for technicians. Based on information provided by CALCTP in its Report, Energy Commission staff recommends that the Energy Commission find that, after consideration of the factors described in the criteria pursuant to

¹ Pursuant to Section 10-103-A(e), Staff reviewed CALCTP's application and, on April 29, 2014, determined that CALCTP's application was complete and contained the information required by subdivision (c)(1)-(3).

Section 10-103-A(b)2 of the Standards, reasonable access to certification has been provided for technicians representing a majority of the specified industry groups.

Based on its review of the Report, Energy Commission staff further recommends that the Energy Commission find that the Threshold criteria have been met and that the Lighting Controls Acceptance Technician and Employer certification requirements take effect on July 1, 2014, when the Standards go into effect.



ROBERT P. OGLESBY
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California Energy Commission